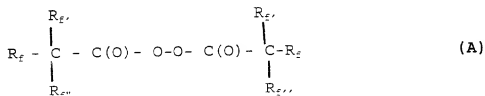


PERFLUORODIACYLPEROXIDES AS POLYMERIZATION INITIATORS

ABSTRACT

Perfluorodiacylperoxides having the following structures:



wherein:

when R_f is F, $R_{f'}$, $R_{f''}$ are both $-CF_3$;

when R_f is $-CF_3$, $R_{f'}$, $R_{f''}$ are C- $-C_3$ linear or branched perfluoro-oxyalkyl groups;

said perfluorodiacylperoxides being such as to meet the following proviso: the thermal decomposition constants K_d (sec^{-1}) in the presence of water do not undergo substantial variations with respect to the thermal decomposition constants in absence of water.